

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-BBU-W.No.03-2016-17

Date: 12.08.2016

KERB STONE (CORE) TEST REPORT

Client : Executive Engineer, Yelahanka Zone, BBMP, Bangalore.
Agency : Sri.B.B.Umesh, Contractor, Bangalore.
Name of Work : Widening of Attur Road from Major Sandeep unni krishnan Road to Attur opposite Hospital Road in Ward No.03, BBMP, Bangalore.
Reference : EE(Project)/Ynk Zone/W.O/06/2016-17
No.of Sample Tested : 03
Date of Testing : 12.08.2016
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₁₅

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	80.00	0.365	2323.66	1.60	0.960	27.60	14.06	15.18	14.57	18.22
2	50.00	85.00	0.390	2336.77	1.70	0.960	28.90	14.72	15.90	15.26	19.08
3	50.00	75.00	0.360	2444.62	1.50	0.960	26.40	13.45	14.52	13.94	17.43

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 15 days from the date of testing.

For Civil Expert

Authorized Signature

Job No.: CECTC-BBU-W.No.03-2016-17

Date: 08.08.2016

PRECAST SLAB (CORE) TEST REPORT

Client : Executive Engineer, Yelahanka Zone, BBMP, Bangalore.
Contractor : Sri.B.B.Umesh, Contractor, Bangalore.
Name of Work : Widening of Attur Road from Major Sandeep unni krishnan Road to Attur opposite Hospital Road in Ward No.03, BBMP, Bangalore.
Reference : EE(Project)/Ynk Zone/W.O/06/2016-17
Date of Testing : 08.08.2016
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	85.00	0.385	2306.81	1.70	0.960	33.20	16.91	18.26	17.53	21.91
2	50.00	80.00	0.395	2514.65	1.60	0.960	31.20	15.89	17.16	16.47	20.59
3	50.00	90.00	0.450	2546.48	1.80	0.960	32.10	16.35	17.66	16.95	21.19

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For Civil Expert

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Job No.: CECTC-BBU-W.No.03-2016-17

Date: 10.08.2016

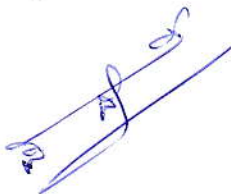
PRECAST SLAB (CORE) TEST REPORT

Client : Executive Engineer, Yelahanka Zone, BBMP, Bangalore.
Agency : Sri.B.B.Umesh, Contractor, Bangalore.
Name of Work : Widening of Attur Road from Major Sandeep unni krishnan Road to Attur opposite Hospital Road in Ward No.03, BBMP, Bangalore.
Reference : EE(Project)/Ynk Zone/W.O/06/2016-17
No.of Sample Tested : 03
Date of Testing : 10.08.2016
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀ - 250mm thick

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	100.00	120.00	2.250	2387.32	1.20	0.960	123.50	15.72	16.98	16.30	20.38
2	100.00	130.00	2.500	2448.54	1.30	0.960	136.50	17.38	18.77	18.02	22.52
3	100.00	140.00	2.750	2501.01	1.40	0.960	129.43	16.48	17.80	17.09	21.36

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For Civil Expert

Authorised Signature

Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	18/08/16
Type of Mix	:	GSB
Sample ID	:	GSB1

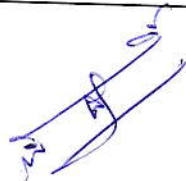
GRADATION FOR GSB

(As per MORT&H 400-2, Grading-1)

Sample Location:		(As per MORT&H 400-2, Grading-1)			
At plant		Date of Sampling:	18/08/16		
Type of material & Purpose:		Date of testing:	18/08/16		
GSB		Oven Dry Wt.(gms):	10000.0		
IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
75	0	0	0.00	100.00	100.00
26.5	2851	2851	28.51	71.49	55-75
4.75	5602	8453	84.53	15.47	10-30
0.075	1069	9522	95.22	4.78	0-10
Pan	478.0				
Total	10000.0				



Project	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03	
Client	BRUHAT BANGALORE MAHANAGARA PALIKE	
Consultant	M/s Tejus Consultants	
Contractor	Shri B B Umesh	
Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))		
Location:	Date: 18/08/2016	
Representing chainage	0-200	
Layer no. or level	GSB layer	
Depth of hole:200mm		
Field density:	1	2
Wt. of wet material from hole (Ww) gms.	5396	5646
Wt. of sand+cylinder before pouring (w1) gms.	14000	14000
Wt. of sand+cylinder after pouring (w2) gms.	10096	10070
Wt. of sand in cone (w3) gms.	870	870
Wt. of sand in hole (w4)=(w1-w2-w3) gms.	3034	3060
Bulk density of sand (ys)gm/cc	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	2.35	2.44
Moisture meter reading(moisture content)	9.60	8.70
Result		
FDD(Wt. of the dry material)=(100yb/100+mc)gm/cc	2.14	2.24
MDD	2.22	2.22
OMC	9.50%	9.50%
% compaction obtained	96.49	100.93
% compaction required	98%	98%

Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	18/08/16
Type of Mix	:	GSB
Sample ID	:	GSB3

GRADATION FOR GSB

(As per MORT&H 400-2, Grading-1)

Sample Location:	At plant	Date of Sampling:	18/08/16
		Date of testing:	18/08/16
Type of material & Purpose:	GSB	Oven Dry Wt.(gms):	20000.0

IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
75	0	0	0.00	100.00	100.00
26.5	8582	8582	42.91	57.09	55-75
4.75	7881	16463	82.32	17.69	10-30
0.075	2785	19248	96.24	3.76	0-10
Pan	752.0				
- Total	20000.0				



Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	18/08/16
Type of Mix	:	GSB
Sample ID	:	GSB2

GRADATION FOR GSB

(As per MORT&H 400-2, Grading-1)

Sample Location:	At plant	Date of Sampling:	18/08/16
		Date of testing:	18/08/16
Type of material & Purpose:	GSB	Oven Dry Wt.(gms):	15000.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
75	0	0	0.00	100.00	100.00
26.5	9753	9753	65.02	34.98	55-75
4.75	3136	12889	85.93	14.07	10-30
0.075	1856	14745	98.30	1.70	0-10
Pan	255.0				
Total	15000.0				

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Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	21/08/2016
Type of Mix	:	WMM
Sample ID	:	WMM4

GRADATION FOR WMM
(As per MORT&H 400-11)

Sample Location:	At plant	Date of Sampling:	21/08/2016
		Date of testing:	21/08/2016
Type of material & Purpose:	WMM	Oven Dry Wt.(gms):	10000.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	97	97	0.97	99.03	95-100
22.4	2913	3010	30.10	69.90	60-80
11.2	2586	5596	55.96	44.04	40-60
4.75	966.0	6562	65.62	34.38	25-40
2.36	1045.0	7607	76.07	23.93	15-30
0.6	564.0	8171	81.71	18.29	8.0-22.0
0.075	1256.0	9427	94.27	5.73	0-8
Pan	573.0				
Total	10000.0				



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Name of Work	:	Widening of Major Sandeep Unnikrishnan Road from Doddaballapura Road to Yelahanka Bus stand road towards BWSSB Water tank side in ward No.04
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	21/08/2016
Type of Mix	:	WMM
Sample ID	:	WMM3

GRADATION FOR WMM

(As per MORT&H 400-11)

Sample Location:	At plant	Date of Sampling:	21/08/2016
		Date of testing:	21/08/2016
Type of material & Purpose:	WMM	Oven Dry Wt.(gms):	10000.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	109	109	1.09	98.91	95-100
22.4	2356	2465	24.65	75.35	60-80
11.2	2695	5160	51.60	48.40	40-60
4.75	1347.0	6507	65.07	34.93	25-40
2.36	845.0	7352	73.52	26.48	15-30
0.6	535.0	7887	78.87	21.13	8.0-22.0
0.075	1586.0	9473	94.73	5.27	0-8
Pan	527.0				
Total	10000.0				



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Name of Work : Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03

Client : BRUHAT BANGALORE MAHANAGARA PALIKE

Consultant : M/s Tejus Consultants

Contractor : Shri B B Umesh

Date of Testing : 30/08/16

Type of Mix : DBM

Sample ID : 3

GRADATION FOR DBM
(As per MORT&H 500-10, Grading-2)

Sample Location: At plant

Date of Sampling:

Date of testing:

Type of material & Purpose

DBM

Oven Dry Wt.(gms): 1000.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
37.50	0	0	0.00	100.00	100.00
25.50	30	30	3.00	97.00	90-100
19.00	138	168	16.80	83.20	71-95
13.20	123	291	29.10	70.90	56-80
4.750	300	591	59.10	40.90	38-54
2.360	79	670	67.00	33.00	28-42
0.300	158	828	82.80	17.20	7-21
0.075	125	953	95.30	4.70	2-8
Pan	47				
Total	1000.0				

Name of Work : Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03

Client : BRUHAT BANGALORE MAHANAGARA PALIKE

Consultant : M/s Tejus Consultants

Contractor : Shri B B Umesh

Date of Testing : 30/08/16

Type of Mix : DBM

Sample ID : 1

GRADATION FOR DBM
(As per MORT&H 500-10, Grading-2)

Sample Location: At plant

Date of Sampling: 30/08/16

Type of material & Purpose: DBM

Date of testing: 30/08/16

Oven Dry Wt.(gms): 1150.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
37.50	0	0	0.00	100.00	100.00
25.00	45	45	3.91	96.09	90-100
19.00	96	141	12.26	87.74	71-95
13.20	103	244	21.22	78.78	56-80
4.750	369	613	53.30	46.70	38-54
2.360	133	746	64.87	35.13	28-42
0.300	256	1002	87.13	12.87	7-21
0.075	86	1088	94.61	5.39	2-8
Pan	62				
Total	1150.0				



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**BITUMEN CONTENT AND GRADATION DETERMINATION OF
DENSE BITUMINOUS MACADAM MIX**

Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	30/08/2016
Type of Mix	:	DBM
Sample I/D	:	2

DETERMINATION OF BITUMEN CONTENT

Description	Trail 1	Trail 2
1. Weight of Mixture before extraction, g	844	894
2. Weight of Mixture after extraction, g	810	858
3. Weight of Bitumen	34	36
4. Weight of filter paper before extraction, g	4	4
5. Weight of filter paper after extraction, g	6	6.50
6. Weight of fines, g	2	2.5
7. Weight of Bitumen & fines	36	38.5
8. Bitumen content in %	4.27	4.31
9. Average Bitumen content in %		4.29

GRADATION FOR DBM AFTER EXTRACTION

(As per MORT&H 500-10 Grading-2)

Sample Location:	At site	Date of Sampling:	18/6/2015
		Date of testing:	18/6/2015
Type of material &	DBM	Oven Dry Wt.(gms):	810.0

IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
37.50	0.0	0.0	0.00	100.00	100.00
26.50	36.0	36.0	4.44	95.56	90-100
19.00	45.0	81.0	10.00	90.00	71-95
13.20	43.0	124.0	15.31	84.69	56-80
4.750	115.0	239.0	29.51	70.49	38-54
2.360	84.0	323.0	39.88	60.12	28-42
0.300	65.0	388.0	47.90	52.10	7-21
0.075	60.0	448.0	55.31	44.69	2-8
Pan	362.0				
Total	810.0				

BITUMEN CONTENT AND GRADATION DETERMINATION OF DENSE BITUMINOUS MACADAM MIX					
Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03			
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE			
Consultant	:	M/s Tejus Consultants			
Contractor	:	Shri B B Umesh			
Date of Testing	:	30/08/2016			
Type of Mix	:	DBM			
Sample I/D	:	3			
DETERMINATION OF BITUMEN CONTENT					
Description		Trail 1	Trail 2		
1. Weight of Mixture before extraction, g		660	575		
2. Weight of Mixture after extraction, g		631	549		
3. Weight of Bitumen		29	26		
4. Weight of filter paper before extraction, g		4	4		
5. Weight of filter paper after extraction, g		5.3	5.10		
6. Weight of fines, g		1.3	1.1		
7. Weight of Bitumen & fines		30.3	27.1		
8. Bitumen content in %		4.59	4.71		
9. Average Bitumen content in %		4.65			
GRADATION FOR DBM AFTER EXTRACTION (As per MORT&H 500-10, Grading-2)					
Sample Location:	At site	Date of Sampling:	19/06/2015		
		Date of testing:	19/06/2015		
Type of material & Purpose:	DBM	Oven Dry Wt.(gms):	631.0		
IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
37.50	0.0	0.0	0.00	100.00	100.00
26.50	25.0	25.0	3.96	96.04	90-100
19.00	42.0	67.0	10.62	89.38	71-95
13.20	95.0	162.0	25.67	74.33	56-80
4.750	141.0	303.0	48.02	51.98	38-54
2.360	130.0	433.0	68.62	31.38	28-42
0.300	121.0	554.0	87.80	12.20	7-21
0.075	60.0	614.0	97.31	2.69	2-8
Pan	17.0				
Total	631.0				

Name of Work : Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03

Client : BRUHAT BANGALORE MAHANAGARA PALIKE

Consultant : M/s Tejus Consultants

Contractor : Shri B B Umesh

Date of Testing : 06/09/16

Type of Mix : BC

Sample I/D : BC3

GRADATION FOR BC
(As per MORT&H 500-18, Grading-2)

Sample Location: At plant Date of Sampling:

Type of material & Purpose: BC Date of testing: 06/09/16

Oven Dry Wt.(gms): 1100.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
19.00	0	0	0.00	100.00	100.00
13.20	74	74.0	6.73	93.27	79 - 100
9.50	110	184.0	16.73	83.27	71 - 95
4.75	258	442.0	40.18	59.82	53 - 71
2.360	178	620.0	56.36	43.64	42 - 58
1.180	85	705.0	64.09	35.91	34 - 48
0.600	98	803.0	73.00	27.00	26 - 38
0.300	75	878.0	79.82	20.18	18 - 28
0.150	65	943.0	85.73	14.27	12 - 20
0.075	85	1028.0	93.45	6.55	4 - 10
Pan	72.0				
Total	1100.0				

Name of Work : Widening of Attur Road from Major Sandeep Ummakrishnan Road to Attur Hospital Road in ward No.03
Client : BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant : M/s Tejus Consultants
Contractor : Shri B B Umesh
Date of Testing : 06/09/16
Type of Mix : BC
Sample I/D : BC1

GRADATION FOR BC
(As per MORT&H 500-18, Grading-2)

Sample Location: At plant **Date of Sampling:**
Date of testing: 06/09/16
Type of material & Purpose: BC **Oven Dry Wt.(gms):** 1250.0

Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
19.00	0	0	0.00	100.00	100.00
13.20	65	65.0	5.20	94.80	79 - 100
9.50	81	146.0	11.68	88.32	71 - 95
4.75	263	409.0	32.72	67.28	53 - 71
2.360	145	554.0	44.32	55.68	42 - 58
1.180	116	670.0	53.60	46.40	34 - 48
0.600	117	787.0	62.96	37.04	26 - 38
0.300	154	941.0	75.28	24.72	18 - 28
0.150	99	1040.0	83.20	16.80	12 - 20
0.075	153	1193.0	95.44	4.56	4 - 10
Pan	57.0				
Total	1250.0				



**BITUMEN CONTENT AND GRADATION DETERMINATION OF
BITUMINOUS CONCRETE MACADAM MIX**

TEJUS
CONSULTANTS

Name of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri BB Umesh
Date of Testing	:	07/09/16
Type of Mix	:	BC
Sample I/D	:	BC2

DETERMINATION OF BITUMEN CONTENT

Description	Trail 1	Trail 2
1. Weight of Mixture before extraction, g	591	569
2. Weight of Mixture after extraction, g	558	535
3. Weight of Bitumen	33	34
4. Weight of filter paper before extraction, g	4.00	1.20
5. Weight of filter paper after extraction, g	5.6	1.25
6. Weight of fines, g	1.60	0.05
7. Weight of Bitumen & fines	34.60	34.05
8. Bitumen content in %	5.85	5.98
9. Average Bitumen content in %	5.92	

GRADATION FOR BC AFTER EXTRACTION

(As per MORT&H 500-18 Grading-2)

Sample Location: At site

Date of Sampling: 07/09/16

Date of testing: 07/09/16

Type of material & Purpose: BC

Oven Dry Wt.(gms): 591.0

IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
19.00	0	0	0.00	100.00	100.00
13.20	36	36.0	6.09	93.91	79 - 100
9.50	84	120.0	20.30	79.70	71 - 95
4.75	65	185.0	31.30	68.70	53 - 71
2.360	88	273.0	46.19	53.81	42 - 58
1.180	59	332.0	56.18	43.82	34 - 48
0.600	65	397.0	67.17	32.83	26 - 38
0.300	45	442.0	74.79	25.21	18 - 28
0.150	75	517.0	87.48	12.52	12 - 20
0.075	50	567.0	95.94	4.06	4 - 10
Pan	24.0				
Total	591.0				



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**BITUMEN CONTENT AND GRADATION DETERMINATION OF
BITUMINOUS CONCRETE MACADAM MIX**

Same of Work	:	Widening of Attur Road from Major Sandeep Unnikrishanan Road to Attur IPP Hospital Road in ward No.03
Client	:	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	:	M/s Tejus Consultants
Contractor	:	Shri B B Umesh
Date of Testing	:	07/09/16
Type of Mix	:	BC
Sample I/D	:	BC3

DETERMINATION OF BITUMEN CONTENT

Description	Trail 1	Trail 2
1. Weight of Mixture before extraction, g	473	491
2. Weight of Mixture after extraction, g	447	463
3. Weight of Bitumen	26	28
4. Weight of filter paper before extraction, g	4.00	4.00
5. Weight of filter paper after extraction, g	5.15	5.36
6. Weight of fines, g	1.15	1.36
7. Weight of Bitumen & fines	27.15	29.36
8. Bitumen content in %	5.74	5.98
9. Average Bitumen content in %	5.86	

**GRADATION FOR BC AFTER EXTRACTION
(As per MORT&H 500-18, Grading-2)**

Sample Location:	At site		Date of Sampling:	07/09/16	
			Date of testing:	07/09/16	
Type of material & Purpose:	BC		Oven Dry Wt.(gms):	473.0	
IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
19.00	0	0	0.00	100.00	100.00
13.20	43	43.0	9.09	90.91	79 - 100
9.50	60	103.0	21.78	78.22	71 - 95
4.75	65	168.0	35.52	64.48	53 - 71
2.360	70	238.0	50.32	49.68	42 - 58
1.180	60	298.0	63.00	37.00	34 - 48
0.600	43	341.0	72.09	27.91	26 - 38
0.300	38	379.0	80.13	19.87	18 - 28
0.150	20	399.0	84.36	15.64	12 - 20
0.075	36	435.0	91.97	8.03	4 - 10
Pan	38.0				
Total	473.0				